BRUHATH BANGALORE MAHANAGARA PALIKE
EXECUTIVE ENGINEER
YELAHANKA DIVISION

MASUREMENT SHEETS

1st and Final Bill

Name of Work: Improvements & Asphalting to Roads at Jayamuninagara in Kempegowda Ward No-01 of Yelahanka Sub Division.

Name of Agency: Sri.Anjan Kumar Y A

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements & Asphalting to Roads at Jayamuninagara in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.Anjan Kumar Y A

Item No.	1									
Item Name:	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications. MORTH Specification No.301 (KPWD SR 2018-19, Page No.143, Item No.19.14)									

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:			18-04-2022 to 22-04-2022						
For Bad Reaches									
1st Main Road from Nitte Minakshi Collage Road to Dead end									
			1	3.00	2.50	2.50	2.50	0.20	1.50
			1	2.00	2.00	2.00	2.00	0.20	0.80
			1	3.00	3.00	3.00	3.00	0.20	1.80
			1	1.50	1.50	1.50	1.50	0.20	0.45
			1	2.00	1.55	1.55	1.55	0.20	0.62
			1	3.00	2.00	2.00	2.00	0.20	1.20
			1	2.50	2.50	2.50	2.50	0.20	1.25
			1	4.00	1.25	1.25	1.25	0.20	1.00
			1	3.00	2.00	2.00	2.00	0.20	1.20
			1	3.00	2.50	2.50	2.50	0.20	1.50
			1	2.50	2.00	2.00	2.00	0.20	1.00
			1	2.50	2.00	2.00	2.00	0.20	1.00
			1	3.00	1.50	1.50	1.50	0.20	0.90
5th Cross Road from 1st Main Road to 2nd Main Road									
			1	3.00	2.00	2.00	2.00	0.20	1.20
			1	2.00	1.50	1.50	1.50	0.20	0.60
			1	1.50	1.00	1.00	1.00	0.20	0.30
			1	2.55	2.00	2.00	2.00	0.20	1.02
2nd Main Road from Dead end to 4th Cross Road									
			1	3.00	1.50	1.50	1.50	0.20	0.90
			1	5.00	1.50	1.50	1.50	0.20	1.50
			1	2.50	2.50	2.50	2.50	0.20	1.25

C&RC

A.E.E

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
			1	2.50	2.00	2.00	2.00	0.20	1.00	
			1	2.50	2.00	2.00	2.00	0.20	1.00	
			1	3.00	1.50	1.50	1.50	0.20	0.90	
			1	2.50	1.25	1.25	1.25	0.20	0.63	
			1	2.00	1.50	1.50	1.50	0.20	0.60	
			1	2.50	2.50	2.50	2.50	0.20	1.25	
			1	3.00	3.00	3.00	3.00	0.20	1.80	
			1	1.50	1.50	1.50	1.50	0.20	0.45	
			1	2.00	1.55	1.55	1.55	0.20	0.62	
			1	3.00	2.00	2.00	2.00	0.20	1.20	
4th Cross Road from 2nd Main Road to 1st Main Road										
			1	2.00	1.50	1.50	1.50	0.20	0.60	
			1	2.50	2.50	2.50	2.50	0.20	1.25	
			1	2.50	2.50	2.50	2.50	0.20	1.25	
			1	2.50	2.00	2.00	2.00	0.20	1.00	
			1	3.00	1.50	1.50	1.50	0.20	0.90	
6th Cross Road from 1st Main Road to 1st A Main Road										
			1	1.50	2.00	2.00	2.00	0.20	0.60	
			1	2.50	1.50	1.50	1.50	0.20	0.75	
			1	2.00	2.00	2.00	2.00	0.20	0.80	
			1	1.55	1.85	1.85	1.85	0.20	0.57	
			1	1.00	1.50	1.50	1.50	0.20	0.30	
1st A Main Road										
			1	2.00	1.50	1.50	1.50	0.20	0.60	
			1	2.00	1.50	1.50	1.50	0.20	0.60	
For Reconstruction										
1st Main Road from Nitte Minakshi Collage Road to Dead end										
			1	30.00	5.20	4.80	5.00	0.45	67.50	
			1	30.00	4.80	4.70	4.75	0.45	64.13	
			1	30.00	4.70	4.80	4.75	0.45	64.13	
			1	30.00	4.80	4.70	4.75	0.45	64.13	
			1	19.50	4.70	4.70	4.70	0.45	41.24	
For Pipe Cutting										
1st Main Road from Nitte Minakshi Collage Road to Dead end										
	0.00	30.00	1	30.00	1.00	1.00	1.00	0.30	9.00	
	30.00	60.00	1	30.00	1.00	1.00	1.00	0.30	9.00	
	60.00	90.00	1	30.00	1.00	1.00	1.00	0.30	9.00	

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SL NO	CHAINAGE		NO	L	B1	B2	Avg B	Avg D	QTY	REMARKS
				(m)	(m)	(m)	(m)	(m)		
	90.00	120.00	1	30.00	1.00	1.00	1.00	0.30	9.00	
	120.00	150.00	1	30.00	1.00	1.00	1.00	0.30	9.00	
	150.00	180.00	1	30.00	1.00	1.00	1.00	0.30	9.00	
	180.00	210.00	1	30.00	1.00	1.00	1.00	0.30	9.00	
	210.00	240.00	1	30.00	1.00	1.00	1.00	0.30	9.00	
	240.00	270.00	1	30.00	1.00	1.00	1.00	0.30	9.00	
	270.00	300.00	1	30.00	1.00	1.00	1.00	0.30	9.00	
	300.00	330.00	1	30.00	1.00	1.00	1.00	0.30	9.00	
	330.00	351.00	1	21.00	1.00	1.00	1.00	0.30	6.30	
	2nd Main Road from Dead end to 4th Cross Road									
	0.00	30.00	1	30.00	1.00	1.00	1.00	0.30	9.00	
	30.00	60.00	1	30.00	1.00	1.00	1.00	0.30	9.00	
	60.00	90.00	1	30.00	1.00	1.00	1.00	0.30	9.00	
	90.00	120.00	1	30.00	1.00	1.00	1.00	0.30	9.00	
	120.00	150.00	1	30.00	1.00	1.00	1.00	0.30	9.00	
	150.00	158.00	1	8.00	1.00	1.00	1.00	0.30	2.40	
	Total Quantity								493.48	Cum
	Quanity Limit to								491.13	Cum
	Quantity Carried to Summary								491.13	Cum

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Yna. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements & Asphalting to Roads at Jayamuninagara in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.Anjan Kumar Y A

Item No.	2									
Item Name:	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications. MORTH / Chapter 3 (KPWD SR 2018-19, Page No.147, Item No.19.64)									

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:			20-04-2022						
For Reconstruction									
	1st Main Road from Nitte Minakshi Collage Road to Dead end								
			1	30.00	5.20	4.80	5.00	150.00	CAPE
			1	30.00	4.80	4.70	4.75	142.50	Proposed
			1	30.00	4.70	4.80	4.75	142.50	A.E.E
			1	30.00	4.80	4.70	4.75	142.50	
			1	19.50	4.70	4.70	4.70	91.65	
	Total Quantity							669.15	Sqm
	Quantity Carried to Summary							669.15	Sqm

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements & Asphalting to Roads at Jayamuninagara in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.Anjan Kumar Y A

Item No.	3									
Item Name:	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision. (KPWD SR 2018-19, Page No.153, Item No.20.5)									

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:			22-04-2022 to 28-04-2022						
For Bad Reaches									
1st Main Road from Nitte Minakshi Collage Road to Dead end									
			1	3.00	2.50	2.50	2.50	0.10	0.75
			1	2.00	2.00	2.00	2.00	0.10	0.40
			1	3.00	3.00	3.00	3.00	0.10	0.90
			1	1.50	1.50	1.50	1.50	0.10	0.23
			1	2.00	1.55	1.55	1.55	0.10	0.31
			1	3.00	2.00	2.00	2.00	0.10	0.60
			1	2.50	2.50	2.50	2.50	0.10	0.63
			1	4.00	1.25	1.25	1.25	0.10	0.50
			1	3.00	2.00	2.00	2.00	0.10	0.60
			1	3.00	2.50	2.50	2.50	0.10	0.75
			1	2.50	2.00	2.00	2.00	0.10	0.50
			1	2.50	2.00	2.00	2.00	0.10	0.50
			1	3.00	1.50	1.50	1.50	0.10	0.45
5th Cross Road from 1st Main Road to 2nd Main Road									
			1	3.00	2.00	2.00	2.00	0.10	0.60
			1	2.00	1.50	1.50	1.50	0.10	0.30
			1	1.50	1.00	1.00	1.00	0.10	0.15
			1	2.55	2.00	2.00	2.00	0.10	0.51
2nd Main Road from Dead end to 4th Cross Road									
			1	3.00	1.50	1.50	1.50	0.10	0.45
			1	5.00	1.50	1.50	1.50	0.10	0.75

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	60.00	90.00	1	30.00	1.00	1.00	1.00	0.10	3.00	
	90.00	120.00	1	30.00	1.00	1.00	1.00	0.10	3.00	
	120.00	150.00	1	30.00	1.00	1.00	1.00	0.10	3.00	
	150.00	180.00	1	30.00	1.00	1.00	1.00	0.10	3.00	
	180.00	210.00	1	30.00	1.00	1.00	1.00	0.10	3.00	
	210.00	240.00	1	30.00	1.00	1.00	1.00	0.10	3.00	
	240.00	270.00	1	30.00	1.00	1.00	1.00	0.10	3.00	
	270.00	300.00	1	30.00	1.00	1.00	1.00	0.10	3.00	
	300.00	330.00	1	30.00	1.00	1.00	1.00	0.10	3.00	
	330.00	351.00	1	21.00	1.00	1.00	1.00	0.10	2.10	
	2nd Main Road from Dead end to 4th Cross Road									
	0.00	30.00	1	30.00	1.00	1.00	1.00	0.10	3.00	
	30.00	60.00	1	30.00	1.00	1.00	1.00	0.10	3.00	
	60.00	90.00	1	30.00	1.00	1.00	1.00	0.10	3.00	
	90.00	120.00	1	30.00	1.00	1.00	1.00	0.10	3.00	
	120.00	150.00	1	30.00	1.00	1.00	1.00	0.10	3.00	
	150.00	158.00	1	8.00	1.00	1.00	1.00	0.10	0.80	
	Total Quantity								171.10	Cum
	Quantity Carried to Summary								171.10	Cum

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP)
Yelahanka, BBMP

Asst. Executive Engineer
Yelahanka Sub Division
Yelahanka, BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements & Asphalting to Roads at Jayamuninagara in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.Anjan Kumar Y A

Item No.	4									
Item Name:	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (KPWD SR 2018-19, Page No.155, Item No.20.18)									

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:			25-04-2022 to 04-05-2022						
For Bad Reaches									
1st Main Road from Nitte Minakshi Collage Road to Dead end									
			1	3.00	2.50	2.50	2.50	0.15	1.13
			1	2.00	2.00	2.00	2.00	0.15	0.60
			1	3.00	3.00	3.00	3.00	0.15	1.35
			1	1.50	1.50	1.50	1.50	0.15	0.34
			1	2.00	1.55	1.55	1.55	0.15	0.47
			1	3.00	2.00	2.00	2.00	0.15	0.90
			1	2.50	2.50	2.50	2.50	0.15	0.94
			1	4.00	1.25	1.25	1.25	0.15	0.75
			1	3.00	2.00	2.00	2.00	0.15	0.90
			1	3.00	2.50	2.50	2.50	0.15	1.13
			1	2.50	2.00	2.00	2.00	0.15	0.75
			1	2.50	2.00	2.00	2.00	0.15	0.75
			1	3.00	1.50	1.50	1.50	0.15	0.68
5th Cross Road from 1st Main Road to 2nd Main Road									
			1	3.00	2.00	2.00	2.00	0.15	0.90
			1	2.00	1.50	1.50	1.50	0.15	0.45
			1	1.50	1.00	1.00	1.00	0.15	0.23
			1	2.55	2.00	2.00	2.00	0.15	0.77
2nd Main Road from Dead end to 4th Cross Road									
			1	3.00	1.50	1.50	1.50	0.15	0.68
			1	5.00	1.50	1.50	1.50	0.15	1.13
			1	2.50	2.50	2.50	2.50	0.15	0.94

C & FC

Ramaiah A.E.E

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore.

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	150.00	180.00	1	30.00	1.00	1.00	1.00	0.15	4.50	
	180.00	210.00	1	30.00	1.00	1.00	1.00	0.15	4.50	
	210.00	240.00	1	30.00	1.00	1.00	1.00	0.15	4.50	
	240.00	270.00	1	30.00	1.00	1.00	1.00	0.15	4.50	
	270.00	300.00	1	30.00	1.00	1.00	1.00	0.15	4.50	
	300.00	330.00	1	30.00	1.00	1.00	1.00	0.15	4.50	
	330.00	351.00	1	21.00	1.00	1.00	1.00	0.15	3.15	
	2nd Main Road from Dead end to 4th Cross Road									
	0.00	30.00	1	30.00	1.00	1.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.00	1.00	1.00	0.15	4.50	
	60.00	90.00	1	30.00	1.00	1.00	1.00	0.15	4.50	
	90.00	120.00	1	30.00	1.00	1.00	1.00	0.15	4.50	
	120.00	150.00	1	30.00	1.00	1.00	1.00	0.15	4.50	
	150.00	158.00	1	8.00	1.00	1.00	1.00	0.15	1.20	
	Total Quantity								239.92	Cum
	Quantity Carried to Summary								239.92	Cum

c&fc
A.E.E

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub. Divisn
(BBMP Yhk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements & Asphalting to Roads at Jayamuninagara in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.Anjan Kumar Y A

Item No.	5									
Item Name:	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. Clause 502 of MORTH V revision (KPWD SR 2018-19, Page No.158, Item No.21.6)									

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:				16-05-2022						
For Bad Reaches										
1st Main Road from Nitte Minakshi Collage Road to Dead end										
			1	3.00	2.50	2.50	2.50		7.50	
			1	2.00	2.00	2.00	2.00		4.00	
			1	3.00	3.00	3.00	3.00		9.00	
			1	1.50	1.50	1.50	1.50		2.25	
			1	2.00	1.55	1.55	1.55		3.10	
			1	3.00	2.00	2.00	2.00		6.00	
			1	2.50	2.50	2.50	2.50		6.25	
			1	4.00	1.25	1.25	1.25		5.00	
			1	3.00	2.00	2.00	2.00		6.00	
			1	3.00	2.50	2.50	2.50		7.50	
			1	2.50	2.00	2.00	2.00		5.00	
			1	2.50	2.00	2.00	2.00		5.00	
			1	3.00	1.50	1.50	1.50		4.50	
5th Cross Road from 1st Main Road to 2nd Main Road										
			1	3.00	2.00	2.00	2.00		6.00	
			1	2.00	1.50	1.50	1.50		3.00	
			1	1.50	1.00	1.00	1.00		1.50	
			1	2.55	2.00	2.00	2.00		5.10	
2nd Main Road from Dead end to 4th Cross Road										
			1	3.00	1.50	1.50	1.50		4.50	
			1	5.00	1.50	1.50	1.50		7.50	
			1	2.50	2.50	2.50	2.50		6.25	

C & FC

A.E.E

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP (Nk. Zn)
Yelahanka, Bangalore

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	90.00	120.00	1	30.00	1.00	1.00	1.00		30.00	
	120.00	150.00	1	30.00	1.00	1.00	1.00		30.00	
	150.00	180.00	1	30.00	1.00	1.00	1.00		30.00	
	180.00	210.00	1	30.00	1.00	1.00	1.00		30.00	
	210.00	240.00	1	30.00	1.00	1.00	1.00		30.00	
	240.00	270.00	1	30.00	1.00	1.00	1.00		30.00	
	270.00	300.00	1	30.00	1.00	1.00	1.00		30.00	
	300.00	330.00	1	30.00	1.00	1.00	1.00		30.00	
	330.00	351.00	1	21.00	1.00	1.00	1.00		30.00	
									21.00	
	2nd Main Road from Dead end to 4th Cross Road									
	0.00	30.00	1	30.00	1.00	1.00	1.00		30.00	
	30.00	60.00	1	30.00	1.00	1.00	1.00		30.00	
	60.00	90.00	1	30.00	1.00	1.00	1.00		30.00	
	90.00	120.00	1	30.00	1.00	1.00	1.00		30.00	
	120.00	150.00	1	30.00	1.00	1.00	1.00		30.00	
	150.00	158.00	1	8.00	1.00	1.00	1.00		8.00	
	Total Quantity								1376.44	Sqm
	Quanity Limit to								1376.15	Sqm
	Quantity Carried to Summary								1376.15	Sqm

c/f to A.E.E

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Yak 20)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements & Asphalting to Roads at Jayamuninagara in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.Anjan Kumar Y A

Item No. 6

Item Name: KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications. Clause 501 of MORTH V revision (KPWD SR 2018-19, Page No.158, Item No.21.2)

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:				16-05-2022 to 17-05-2022						
Existing Road										
1st Main Road from Nitte Minakshi Collage Road to Dead end										
	0.00	30.00	1	30.00	4.50	4.70	4.60		138.00	
	30.00	60.00	1	30.00	4.70	4.70	4.70		141.00	
	60.00	90.00	1	30.00	4.70	4.70	4.70		141.00	
	90.00	120.00	1	30.00	4.70	4.70	4.70		141.00	
	120.00	150.00	1	30.00	4.70	4.70	4.70		141.00	
	150.00	180.00	1	30.00	4.70	4.85	4.78		143.25	
	180.00	210.00	1	30.00	4.85	4.80	4.83		144.75	
	210.00	240.00	1	30.00	4.80	4.80	4.80		144.00	
	240.00	270.00	1	30.00	4.80	4.70	4.75		142.50	
	270.00	300.00	1	30.00	4.70	4.80	4.75		142.50	
	300.00	330.00	1	30.00	4.80	4.70	4.75		142.50	
	330.00	351.00	1	21.00	4.70	4.70	4.70		98.70	
		Approach	1	6.70			1.90		12.73	
			1	9.00			1.20		10.80	
			1	5.80			1.70		9.86	
5th Cross Road from 1st Main Road to 2nd Main Road										
	0.00	0.00	1	0.00	5.30	5.30	5.30		0.00	
	0.00	28.80	1	28.80	5.30	5.00	5.15		148.32	
2nd Main Road from Dead end to 4th Cross Road										
	0.00	30.00	1	30.00	4.90	4.90	4.90		147.00	
	30.00	60.00	1	30.00	4.90	4.80	4.85		145.50	
	60.00	90.00	1	30.00	4.80	4.70	4.75		142.50	

G & R

A.E.E

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	90.00	120.00	1	30.00	4.70	4.70	4.70		141.00	
	120.00	150.00	1	30.00	4.70	4.70	4.70		141.00	
	150.00	158.00	1	8.00	4.70	4.70	4.70		37.60	
		Approach	1	10.00			0.80		8.00	
	4th Cross Road from 2nd Main Road to 1st Main Road									
	0.00	0.00	1	0.00	4.80	4.80	4.80		0.00	
	0.00	30.00	1	30.00	4.80	4.65	4.73		141.75	
	30.00	39.00	1	9.00	4.65	5.30	4.98		44.78	
	6th Cross Road from 1st Main Road to 1st A Main Road									C & RC
	0.00	0.00	1	0.00	5.80	5.80	5.80		0.00	
	0.00	26.20	1	26.20	5.80	4.20	5.00		131.00	
		Approach	1	2.80			6.00		16.80	A.E.E
	1st A Main Road									
	0.00	0.00	1	0.00	4.80	4.80	4.80		0.00	
	0.00	30.00	1	30.00	4.80	4.60	4.70		141.00	
	30.00	60.00	1	30.00	4.60	4.70	4.65		139.50	
	60.00	84.00	1	24.00	4.70	4.70	4.70		112.80	
						Deduction for Primer Coat			-1376.44	
	Total Quantity								1955.69	Sqm
	Quantity Carried to Summary								1955.69	Sqm

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ltr. Zn.)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements & Asphalting to Roads at Jayamuninagara in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.Anjan Kumar Y A

Item No. 7

Item Name: KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision - do - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (KPWD SR 2018-19, Page No.160, Item No.21.17.6)

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:				16-05-2022						
For Reconstruction										
1st Main Road from Nitte Minakshi Collage Road to Dead end										
			1	30.00	5.20	4.80	5.00	0.05	7.50	
			1	30.00	4.80	4.70	4.75	0.05	7.13	
			1	30.00	4.70	4.80	4.75	0.05	7.13	
			1	30.00	4.80	4.70	4.75	0.05	7.13	
			1	19.50	4.70	4.70	4.70	0.05	4.58	
For Pipe Cutting										
1st Main Road from Nitte Minakshi Collage Road to Dead end										
	0.00	30.00	1	30.00	1.00	1.00	1.00	0.05	1.50	
	30.00	60.00	1	30.00	1.00	1.00	1.00	0.05	1.50	
	60.00	90.00	1	30.00	1.00	1.00	1.00	0.05	1.50	
	90.00	120.00	1	30.00	1.00	1.00	1.00	0.05	1.50	
	120.00	150.00	1	30.00	1.00	1.00	1.00	0.05	1.50	
	150.00	180.00	1	30.00	1.00	1.00	1.00	0.05	1.50	
	180.00	210.00	1	30.00	1.00	1.00	1.00	0.05	1.50	
	210.00	240.00	1	30.00	1.00	1.00	1.00	0.05	1.50	
	240.00	270.00	1	30.00	1.00	1.00	1.00	0.05	1.50	
	270.00	300.00	1	30.00	1.00	1.00	1.00	0.05	1.50	
	300.00	330.00	1	30.00	1.00	1.00	1.00	0.05	1.50	
	330.00	351.00	1	21.00	1.00	1.00	1.00	0.05	1.05	
2nd Main Road from Dead end to 4th Cross Road										
	0.00	30.00	1	30.00	1.00	1.00	1.00	0.05	1.50	

C&PC

Ramaraju
A.E.E.

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

L NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	30.00	60.00	1	30.00	1.00	1.00	1.00	0.05	1.50	
	60.00	90.00	1	30.00	1.00	1.00	1.00	0.05	1.50	
	90.00	120.00	1	30.00	1.00	1.00	1.00	0.05	1.50	
	120.00	150.00	1	30.00	1.00	1.00	1.00	0.05	1.50	
	150.00	158.00	1	8.00	1.00	1.00	1.00	0.05	0.40	
				Total Quantity					58.91	Cum
				Quanity Limit to					57.70	Cum
				Quantity Carried to Summary					57.70	Cum

Asst Engineer
Ward No.01
BBMP

Asst Executive Engineer
Yelahanka Sub Division
(BBMP)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements & Asphalting to Roads at Jayamuninagara in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.Anjan Kumar Y A

Item No.	8									
Item Name:	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications. Clause 503 of MORTH V revision (KPWD SR 2018-19, Page No.158, Item No.21.7)									

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:				17-05-2022						
Existing Road										
1st Main Road from Nitte Minakshi Collage Road to Dead end										
	0.00	30.00	1	30.00	4.50	4.70	4.60		138.00	
	30.00	60.00	1	30.00	4.70	4.70	4.70		141.00	
	60.00	90.00	1	30.00	4.70	4.70	4.70		141.00	
	90.00	120.00	1	30.00	4.70	4.70	4.70		141.00	
	120.00	150.00	1	30.00	4.70	4.70	4.70		141.00	
	150.00	180.00	1	30.00	4.70	4.85	4.78		143.25	
	180.00	210.00	1	30.00	4.85	4.80	4.83		144.75	
	210.00	240.00	1	30.00	4.80	4.80	4.80		144.00	
	240.00	270.00	1	30.00	4.80	4.70	4.75		142.50	
	270.00	300.00	1	30.00	4.70	4.80	4.75		142.50	
	300.00	330.00	1	30.00	4.80	4.70	4.75		142.50	
	330.00	351.00	1	21.00	4.70	4.70	4.70		98.70	
		Approach	1	6.70			1.90		12.73	
			1	9.00			1.20		10.80	
			1	5.80			1.70		9.86	
5th Cross Road from 1st Main Road to 2nd Main Road										
	0.00	0.00	1	0.00	5.30	5.30	5.30		0.00	
	0.00	28.80	1	28.80	5.30	5.00	5.15		148.32	
2nd Main Road from Dead end to 4th Cross Road										
	0.00	30.00	1	30.00	4.90	4.90	4.90		147.00	
	30.00	60.00	1	30.00	4.90	4.80	4.85		145.50	
	60.00	90.00	1	30.00	4.80	4.70	4.75		142.50	
	90.00	120.00	1	30.00	4.70	4.70	4.70		141.00	

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

NO	CHAINAGE		NO	L	B1	B2	Avg B	Avg D	QTY	REMARKS
				(m)	(m)	(m)	(m)	(m)		
	120.00	150.00	1	30.00	4.70	4.70	4.70		141.00	
	150.00	158.00	1	8.00	4.70	4.70	4.70		37.60	
		Approach	1	10.00			0.80		8.00	
	4th Cross Road from 2nd Main Road to 1st Main Road									
	0.00	0.00	1	0.00	4.80	4.80	4.80		0.00	
	0.00	30.00	1	30.00	4.80	4.65	4.73		141.75	
	30.00	39.00	1	9.00	4.65	5.30	4.98		44.78	
	6th Cross Road from 1st Main Road to 1st A Main Road									
	0.00	0.00	1	0.00	5.80	5.80	5.80		0.00	
	0.00	26.20	1	26.20	5.80	4.20	5.00		131.00	
		Approach	1	2.80			6.00		16.80	
	1st A Main Road									
	0.00	0.00	1	0.00	4.80	4.80	4.80		0.00	
	0.00	30.00	1	30.00	4.80	4.60	4.70		141.00	
	30.00	60.00	1	30.00	4.60	4.70	4.65		139.50	
	60.00	84.00	1	24.00	4.70	4.70	4.70		112.80	
	Total Quantity								**3332.14**	**Sqm**
	Quantity Carried to Summary								**3332.14**	**Sqm**

C&C Remarks received A.E.E

Asst Engineer
Ward No.01
BBMP

Remarks received
Asst. Executive Engineer
Yelahanka Sub Division
Yelahanka, BBMP

Asst. Executive Engineer
Yelahanka Sub Division
Yelahanka, BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements & Asphalting to Roads at Jayamuninagara in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.Anjan Kumar Y A

Item No.	10						
Item Name:	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 (KPWD SR 2018-19, Page No.182, Item No.24.15)						

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:			3/6/2022				
Lane Marking							
Sides							
1st Main Road from Nitte Minakshi Collage Road to Dead end							
	0.00	30.00	2	30.00	0.10	6.00	
	30.00	60.00	2	30.00	0.10	6.00	
	60.00	90.00	2	30.00	0.10	6.00	
	90.00	120.00	2	30.00	0.10	6.00	
	120.00	150.00	2	30.00	0.10	6.00	
	150.00	180.00	2	30.00	0.10	6.00	
	180.00	210.00	2	30.00	0.10	6.00	
	210.00	240.00	2	30.00	0.10	6.00	
	240.00	270.00	2	30.00	0.10	6.00	
	270.00	300.00	2	30.00	0.10	6.00	
	300.00	330.00	2	30.00	0.10	6.00	
	330.00	351.00	2	21.00	0.10	4.20	
5th Cross Road from 1st Main Road to 2nd Main Road							

Ramanjeenivas
A.E.E

Asst. Executive Engineer
Yelahanka Sub-Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore
3/6/2022

SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	0.00	0.00	2	0.00	0.10		0.00	
	0.00	28.80	2	28.80	0.10		5.76	
2nd Main Road from Dead end to 4th Cross Road								
	0.00	30.00	2	30.00	0.10		6.00	
	30.00	60.00	2	30.00	0.10		6.00	
	60.00	90.00	2	30.00	0.10		6.00	
	90.00	120.00	2	30.00	0.10		6.00	
	120.00	150.00	2	30.00	0.10		6.00	
	150.00	158.00	2	8.00	0.10		1.60	
4th Cross Road from 2nd Main Road to 1st Main Road								
	0.00	0.00	2	0.00	0.10		0.00	
	0.00	30.00	2	30.00	0.10		6.00	
	30.00	39.00	2	9.00	0.10		1.80	
6th Cross Road from 1st Main Road to 1st A Main Road								
	0.00	0.00	2	0.00	0.10		0.00	
	0.00	26.20	2	26.20	0.10		5.24	
1st A Main Road								
	0.00	0.00	2	0.00	0.10		0.00	
	0.00	30.00	2	30.00	0.10		6.00	
	30.00	60.00	2	30.00	0.10		6.00	
	60.00	84.00	2	24.00	0.10		4.80	
	Total Quantity						**137.40**	**Sqm**
	Quantity Carried to Summary						**137.40**	**Sqm**

c&fc.
A.E.E

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
BBMP

27/06/2022